SKYJACK

PARTS MANUAL

SJIII 3220 SJIII 3226 SJIII 4620 SJIII 4626 SJIII 4632

DC ELECTRIC SCISSORS

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ANSI/CSA

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4.2 Hydraulic/Electrical Tray - Welded Tank (MC)

Index No.	Skyjack Part No.	Qty.	Description
26	103856	3	BOLT, Hex head (1/4"-20 x 5/8", Gr. 5)
27	103470	2	WASHER, Lock (1/2")
28	103887	4	BOLT, Hex head (5/16"-18 x 3/4")
29	103404	6	WASHER, Flat (5/16")
30	103996	4	WASHER, Lock (5/16")
31	119020	1	PLATE, Motor mounting
32	(Ref.)	-	MAIN MANIFOLD ASSEMBLY
			(For components, refer to Section 4.7 Main Manifold - Welded Tank (Motor Controller))
	103873	1	• BOLT, Hex head (3/8"-16 x 2.5", Gr. 5)
	103472	1	• WASHER, Flat (3/8")
	103999	1	• WASHER, Lock (3/8")
33	(Ref.)	-	ELECTRICAL PANEL ASSEMBLY
			(For components, refer to Section 6.2 Electrical Panel (Motor Controller))
34	103857	1	BOLT, Hex head (1/4"-20 x 1", Gr. 5)
35	103078	1	CLIP, Double (G10)
36	103980	1	NUT, Hex head (1/4"-20, Gr. 5)
	164665	1	KIT, Power cable
37	(Ref.)	-	• CABLE ASSEMBLY (Main disconnect switch to main contactor)
			(For components, refer to Section 5.1 Battery Tray)
38	120425	1	• CABLE ASSEMBLY (Main contactor to motor controller)
39	(Ref.)	-	• CABLE ASSEMBLY (Battery negative to motor controller)
			(For components, refer to Section 5.1 Battery Tray)
40	164668	1	• CABLE ASSEMBLY (Pump motor to motor controller)
41	164669	1	• CABLE ASSEMBLY (Pump motor to motor controller)
42	156844	2	NUT, Hex (0.312"-24 Gr5)

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Index No.	Skyjack Part No.	Qty.	Description
-	135992	1	ASSEMBLY, Inverter Install
1	(Ref.)	1	• INVERTER, 24VDC (120VAC @ 60 Hz) (For components, refer to Section 7.2 Inverter)
2	129145	1	SUPPORT, Inverter *(Welded Tank)*
	210073	1	SUPPORT, Inverter *(Plastic Tank)*
3	159320	1	CABLE (1/4 x 30 x 5/16, #4GA)
4	119061	1	FUSE BOX, Cover
5	110853	2	BOLT, FHCS Zinc (1/4"- 20 x 0.63)
6	103068	2	INSULATOR, Fuse
7	146442	1	FUSE (100 Amp)
8	112495	2	BOLT, Hex head (1/4"-20 x 3/8", Gr. 5)
9	103855	4	BOLT, Hex head (1/4"-20 x 1/2", Gr. 5)
10	104000	4	WASHER, Luck (1/4")
11	103473	2	BOLT, Hex head (3/8"-16 x 1", Gr. 5)
12	104606	2	NUT, Hex lock (3/8"-16, Grade B)
13	103999	2	WASHER, Lock (1/4")
14	108503	1	CONNECTOR, Blue butt (#14-16)
15	137417	1	RELAY, Timer - On Delay
16	103860	1	BOLT, Hex head (1/4"-20 x 1.75", Gr. 5)
17	104000	1	WASHER, Luck (1/4")
18	130184	2	BUMPER, Inverter Support *(Not Shown)*
L	146454	1	LABEL, Inverter fuse (100 A)

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Index No.	Skyjack Part No.	Qty.	Description
A	230302	1	SERVICE KIT, ELEVATE TELEMATICS - CONVENTIONALS
B	230299	1	SERVICE KIT, ELEVATE TELEMATICS - CONVENTIONALS (WITH KEYPAD)
-	213098	1	• CONTROL UNIT GROUP, Track Unit
1	(Ref.)	1	• • CONTROL UNIT
2	(Ref.)	1	• • BRACKET, Control Unit
3	(Ref.)	1	• • FUSE HOLDER
4	(Ref.)	1	• • FUSE, 1 AMP
-	230303	1	• TELEMATICS ASM, Install Parts
5	114678	4	• • SCREW, Round Head Machined - #6-32 x 1/2"
6	196306	4	• • NUT, Nylon Lock - #6-32 Gr. 5
7	191833	4	• • WASHER, Flat - #6
8	112248	2	• • BOLT, Round Head Machine - #8-32 x 1", B
9	138765	2	• • NUT, Nylon Lock - #8-32 Gr. 5 Zinc, B
10	226433	1	• • HARNESS, Track Unit (Not Shown)
11	220577	1	• • WIRE ASSEMBLY, B+
12	220619	1	• • RELAY ASM, Motor Contactor Cut Off
13	103962	1	• • BOLT, Machined Head/Zinc - #10-32 x 1/2"
14	104185	1	• • WASHER, Lock/Zinc - #10
15	104003	1	• • NUT, Machined - #10-32 Gr. B
16	229266	1	• • LABEL, 19DCR
17	102891	10	• • TIE WRAP CABLE, 5-3/8" (Not Shown)
18	103995	2	• • WASHER, Flat - 1/4", B
19	115649	1	• • NUT, Nylon Lock - 1/4"-20 Gr. 5, B
20	103856	1	• • BOLT, Hex Head Nylon - 1/4"-20 x 3/4" Gr. 5, B
21	114594	1	• • TERMINAL, Male - 18-22 AWG
22	114595	1	• • TERMINAL, Female - 18-22 AWG - Red
23	229265	1	• INSTRUCTIONS, Elevate Telematics - SJIII (Not Shown)
24	221111	1	• INSTRUCTIONS, OP-Telematics Track Unit (English) (Not Shown), B
25	213099	1	• KEYPAD, Track Unit, B
26	226214	1	• BRACKET, Keypad - Track Unit, B
27	173002	1	• LABEL, Equipped with Keypad, B

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Index No.	Skyjack Part No.	Qty.	Description
29	-	1	POTHOLE DEVICE LIMIT SWITCH ASSEMBLY
	166007	1	• SWITCH, Limit (Battery tray) (For model SJIII 3220 with serial number 60007077 & Below) (For model SJIII 3226 with serial number 27032454 & Below) (For model SJIII 46xx with serial number 70032133 & Below)
	199745	1	• SWITCH, Limit (Battery tray) (For model SJIII 3220 with serial number 60007078 & Above) (For model SJIII 3226 with serial number 27032455 & Above) (For model SJIII 46xx with serial number 70032134 & Above)
	125885	1	• SWITCH, Limit (Hydraulic tray) (For model SJIII 3220 with serial number 60007077 & Below) (For model SJIII 3226 with serial number 27032454 & Below) (For model SJIII 46xx with serial number 70032133 & Below)
	199459	1	• SWITCH, Limit (Hydraulic tray) (For model SJIII 3220 with serial number 60007078 & Above) (For model SJIII 3226 with serial number 27032455 & Above) (For model SJIII 46xx with serial number 70032134 & Above)
-	-	1	POTHOLE DEVICE LIMIT SWITCH ASSEMBLY (ANSI/CSA EE rated)
	126051	1	• SWITCH, Limit (Battery tray) (For model SJIII 3220 with serial number 60007077 & Below) (For model SJIII 3226 with serial number 27032454 & Below) (For model SJIII 46xx with serial number 70032133 & Below)
	204094	1	• SWITCH, Limit (Battery tray) (For model SJIII 3220 with serial number 60007078 & Above) (For model SJIII 3226 with serial number 27032455 & Above) (For model SJIII 46xx with serial number 70032134 & Above)
	126060	1	• SWITCH, Limit (Hydraulic tray) (For model SJIII 3220 with serial number 60007077 & Below) (For model SJIII 3226 with serial number 27032454 & Below) (For model SJIII 46xx with serial number 70032133 & Below)
	204095	1	• SWITCH, Limit (Hydraulic tray) (For model SJIII 3220 with serial number 60007078 & Above) (For model SJIII 3226 with serial number 27032455 & Above) (For model SJIII 46xx with serial number 70032134 & Above)
30	149581	4	SOCKET HEAD CAP SCREW (#8-32 x 1.25")
31	138765	4	NUT, Hex nylon lock (#8-32, Gr. 5)
	103550	6	PLUG, Slider
32	130049	1	FLAP WELDMENT, Hydraulic tray
33	130047	1	FLAP WELDMENT, Battery tray
34	-	-	HARDWARE, Flap weldment retaining
	104000	4	• WASHER, Lock (1/4")
	103995	4	• WASHER, Flat (1/4")
	103855	4	• BOLT, Hex head (1/4"-20 x 1/2")
35	130209	4	PIN, Lever
36	103550	6	BUSHING, Handrail Slide

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Index No.	Skyjack Part No.	Qty.	Description
A	147276	1	PUMP & MOTOR ASSEMBLY *(Model SJIII 3220/4620 & all EE rated)* *(For model SJIII 3220 with serial number 60004660 & Below)* *(For model SJIII 3226 with serial number 27020826 & Below)* *(For model SJIII 46xx with serial number 70020611 & Below)*
B	147099	1	PUMP & MOTOR ASSEMBLY *(Model SJIII 3226/4626/4632, excluding EE rated)* *(For model SJIII 3220 with serial number 60004660 & Below)* *(For model SJIII 3226 with serial number 27020826 & Below)* *(For model SJIII 46xx with serial number 70020611 & Below)*
C	161937	1	PUMP & MOTOR ASSEMBLY *(Model SJIII 322x/46xx, excluding EE rated)* *(For model SJIII 3220 with serial number 60004661 & Above)* *(For model SJIII 3226 with serial number 27020827 & Above)* *(For model SJIII 46xx with serial number 70020612 & Above)*
D	164606	1	PUMP & MOTOR ASSEMBLY *(ANSI/CSA EE rated)* *(For model SJIII 3220 with serial number 60004661 & Above)* *(For model SJIII 3226 with serial number 27020827 & Above)* *(For model SJIII 46xx with serial number 70020612 & Above)*
1	147664	1	• MOTOR (24 VDC), *A, B*
	169260	1	• MOTOR (24 VDC), *C, D*
2	147661	1	• PUMP, Hydraulic, *A*
	147662	1	• PUMP, Hydraulic, *B*
	169261	1	• PUMP, Hydraulic, *C, D*
3	147663	1	• COUPLER (includes seals), *A, B*
4	-	1	HARDWARE, Motor replacement
	122967	1	• BRUSH KIT (includes brushes and springs), *A, B*
	169623	1	• BRUSH KIT (includes brushes and springs), *C, D*
5	124323	1	CABLE (Motor to main contactor), *B, C*
	122566	1	CABLE (Motor to main contactor), *A*
	169235	1	CABLE (Motor to main contactor), *D*
6	(Ref.)	1	CABLE, Motor/Battery (For components, refer to Section 5.1 Battery Tray)
7	102665	1	FITTING, Elbow 90° (06 JICM - 08 ORBM)
8	117407	1	INSULATOR, Boot (Black) *(ANSI/CSA EE rated)*
9	117408	1	INSULATOR, Boot (Red) *(ANSI/CSA EE rated)*
10	129962	1	KIT, Motor band *(ANSI/CSA EE rated), A*
	169605	1	KIT, Motor band *(ANSI/CSA EE rated), D*
11	103986	4	NUT, Hex Head (8-32), *D*
12	162061	4	SCREW, Round Head (8-32 x 3/4"), *D*
13	112249	4	WASHER, Lock (#8), *D*
14	169535	1	KIT, Seal repair (Not Shown), *C, D*
15	144058	1	FITTING, 90° (12 BEAD - 10 ORBM), *C, D*
16	169557	2	BOLT, Socket Head (M8 x 1.25 x 75 CL 8.8 ZN), *C, D*
17	169558	2	BOLT, Socket Head (M8 x 1.25 x 95 CL 12.9 ZN), *C, D*
18	933832	4	WASHER, Flat - M8 X 16 O.D, *C, D*

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